

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A detergent storing assembly of a washing machine, the detergent storing assembly comprising:

a detergent box provided to a cabinet of the washing machine to hold detergent and to supply the detergent to a tub for washing;

a lid part fixed to a topside of the detergent box to open/close; and

an incorrect-assembling preventing means for leading the lid part to a correct position for a reciprocal assembling of the lid part and the detergent box said incorrect-assembling preventing means comprising:

at least one guide protrusion protruding from a bottom of the lid part to interrupt the reciprocal assembling in the case that the lid part is incorrectly disposed over the detergent box,
and

at least one guide groove formed at a portion of the detergent box corresponding to the guide protrusion to accommodate the at least one guide protrusion inserted therein.

Claims 2-4 (Cancelled)

5. (Currently Amended) The detergent storing assembly as claimed in ~~claim 4~~, claim 22, wherein the lid frame is fixed to the detergent box by at least one screw coupled from a topside of the lid frame.

6. (Original) The detergent storing assembly as claimed in claim 5, wherein the lid frame comprises coupling protrusions protruding from a bottom toward the detergent box to have cavities in an axial direction, respectively and wherein the detergent box comprises insertion protrusions protruding from a rim of the topside of the detergent box to be inserted in the cavities of the coupling protrusions and having screw threads inside to be coupled to the screws, respectively.

7. (Currently Amended) The detergent storing assembly as claimed in ~~claim 4~~, claim 22, wherein the incorrect-assembling preventing means comprises;

at least one guide protrusion protruding from a bottom of the lid frame to interrupt the reciprocal assembling in case that the lid part is incorrectly disposed over the detergent box, and

at least one guide groove formed at a rim of the detergent box corresponding to the guide protrusion to have the at least one guide protrusion inserted therein.

8. (Currently Amended) The detergent storing assembly as claimed in ~~claim 4~~, claim 22, wherein the incorrect-assembling preventing means comprises;

at least one guide protrusion protruding from a rim of the detergent box to interrupt the reciprocal assembling in case that the lid part is incorrectly disposed over the detergent box, and

at least one guide groove formed at a bottom of the lid part corresponding to the guide protrusion to have the at least one guide protrusion inserted therein.

9. (Currently Amended) The detergent storing assembly as claimed in ~~claim 4~~, claim 22, wherein the lid frame comprises a rectangular frame having a rectangular opening at a central part.

10. (Original) The detergent storing assembly as claimed in claim 6, wherein the lid frame comprises a rectangular frame having a rectangular opening at a central part.

11. (Original) The detergent storing assembly as claimed in claim 10, wherein the incorrect-assembling preventing means comprises;

guide grooves recessed into inner walls of the cavities of the coupling protrusions in different directions, respectively to interrupt the reciprocal assembling in case that the lid part is incorrectly disposed over the detergent box, and

guide protrusions protruding from outsides of the insertion protrusions in directions corresponding to the guide grooves, respectively.

12. (Currently Amended) A washing machine comprising:

a tub having an open front side to hold water and detergent;

a drum rotatably installed in the tub to hold laundry;

a motor rotating the drum;

a cabinet having the tub and the motor inside; and

a detergent storing assembly at the cabinet to provide the detergent to detergent to the tub, the detergent storing assembly comprising:

a detergent box having an open topside to store the detergent and to provide the detergent to the tub for washing;

a lid part fixed to the topside of the detergent box to open/close; and
an incorrect-assembling preventing means for leading the lid part to a correct position for a reciprocal assembling of the lid part and the detergent box, said incorrect-assembling preventing means comprising:

at least one guide protrusion protruding from a bottom of the lid part to interrupt the reciprocal assembling in the case that the lid part is incorrectly disposed over the detergent box,
and

at least one guide groove formed at a portion of the detergent box corresponding to the guide protrusion to accommodate the at least one guide protrusion inserted therein.

Claims 13-15 (Cancelled)

16. (Currently Amended) The washing machine as claimed in ~~claim 15~~, claim 24, wherein the lid frame is fixed to the detergent box by at least one screw coupled from a topside of the lid frame.

17. (Original) The washing machine as claimed in claim 16, wherein the lid frame comprises coupling protrusions protruding from a bottom toward the detergent box to have cavities in an axial direction, respectively and wherein the detergent box comprises insertion protrusions protruding from a rim of the topside of the detergent box to be inserted in the cavities of the coupling protrusions and having screw threads inside to be coupled to the screws, respectively.

18. (Original) The washing machine as claimed in claim 17, wherein the lid frame comprises a rectangular frame having a rectangular opening at a central part.

19. (Original) The washing machine as claimed in claim 18, wherein the coupling protrusions are formed at bottoms of a pair of long or short sides of the lid frame.

20. (Original) The washing machine as claimed in claim 19, wherein the incorrect-assembling preventing means comprises;

guide grooves formed at inner walls of the cavities of the coupling protrusions at a pair of the long or short sides in different directions, respectively to interrupt the reciprocal assembling in case that the lid part is incorrectly disposed over the detergent box, and

guide protrusions protruding from outsides of the insertion protrusions in directions corresponding to the guide grooves, respectively.

21. (New) A detergent storing assembly of a washing machine, the detergent storing assembly comprising:

a detergent box provided to a cabinet of the washing machine to hold detergent and to supply the detergent to a tub for washing;

a lid part fixed to a topside of the detergent box to open/close; and
an incorrect-assembling preventing means for leading the lid part to a correct position for a reciprocal assembling of the lid part and the detergent box, said incorrect-assembling preventing means comprising:

at least one guide protrusion protruding from the topside of the detergent box to interrupt the reciprocal assembling in case that the lid part is incorrectly disposed over the detergent box, and

at least one guide groove formed at a bottom of the lid part corresponding to the guide protrusion to have the at least one guide protrusion inserted therein.

22. (New) A detergent storing assembly of a washing machine, the detergent storing assembly comprising:

a detergent box provided to a cabinet of the washing machine to hold detergent and to supply the detergent to a tub for washing;

a lid part fixed to a topside of the detergent box to open/close; and

an incorrect-assembling preventing means for leading the lid part to a correct position for a reciprocal assembling of the lid part and the detergent box wherein the lid part comprises;

a lid frame fixed to the detergent box and having an opening at a center to put the detergent in the detergent box, and

a revolvable lid installed at one side of the lid frame to open/close the topside of the detergent box.

23. (New) A washing machine comprising:

a tub having an open front side to hold water and detergent;

a drum rotatably installed in the tub to hold laundry;

a motor rotating the drum;

a cabinet having the tub and the motor inside; and

a detergent storing assembly at the cabinet to provide the detergent to detergent to the tub, the detergent storing assembly comprising:

a detergent box having an open topside to store the detergent and to provide the detergent to the tub for washing;

a lid part fixed to the topside of the detergent box to open/close; and

an incorrect-assembling preventing means for leading the lid part to a correct position for a reciprocal assembling of the lid part and the detergent box said incorrect-assembling preventing means comprising:

at least one guide protrusion protruding from the topside of the detergent box to interrupt the reciprocal assembling in case that the lid part is incorrectly disposed over the detergent box, and

at least one guide groove formed at a bottom of the lid part corresponding to the guide protrusion to have the at least one guide protrusion inserted therein.

24. (New) A washing machine comprising:

a tub having an open front side to hold water and detergent;

a drum rotatably installed in the tub to hold laundry;

a motor rotating the drum;

a cabinet having the tub and the motor inside; and

a detergent storing assembly at the cabinet to provide the detergent to detergent to the tub, the detergent storing assembly comprising:

a detergent box having an open topside to store the detergent and to provide the detergent to the tub for washing;

a lid part fixed to the topside of the detergent box to open/close; and

an incorrect-assembling preventing means for leading the lid part to a correct position for a reciprocal assembling of the lid part and the detergent box wherein the lid part comprises;

a lid frame fixed to the detergent box and having an opening at a center to put the detergent in the detergent box, and

a revolvable lid installed at one side of the lid frame to open/close the topside of the detergent box.